(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 10 February 2005 (10.02.2005)

PCT

(10) International Publication Number WO 2005/013593 A1

(51) International Patent Classification⁷: 1/57, 1/2745, H04Q 3/72

H04M 3/42,

(74) Agents: BATTIPEDE, Francesco et al.; Pirelli S.p.A.,

(21) International Application Number:

PCT/IT2003/000490

- (22) International Filing Date: 1 August 2003 (01.08.2003)
- (25) Filing Language:

Italian

(26) Publication Language:

English

- (71) Applicant (for all designated States except US): TELE-COM ITALIA MOBILE S.p.A. [IT/IT]; Via P. Giannone, 4, I-10121 Torino (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): DI GIORGIO. Vincenzo [IT/IT]; Telecom Italia Mobile S.p.A., Via Aurelia, 737, I-00165 Roma (IT). PUNTILLO, Domenico, Francesco [IT/IT]; Telecom Italia Mobile S.p.A., Via Aurelia, 737, I-00165 Roma (IT).

Viale Sarca, 222, I-20126 Milano (IT). (81) Designated States (national): AE, AG, AL, AM, AT, AU,

AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,

SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW. (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,

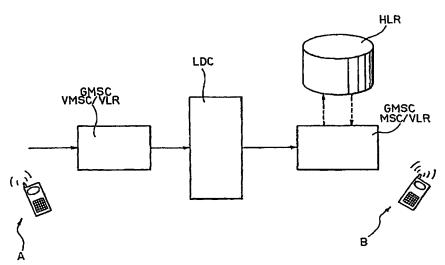
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,

- Published:
- with international search report

[Continued on next page]

(54) Title: PROCEDURE AND SYSTEM FOR PROCESSING IDENTIFICATION NUMBERS IN TELECOMMUNICATION **NETWORKS**



(57) Abstract: The process can be used to process the calling line presentation (CLIP) supplied to acalled user (B) following a call made by a calling user (A) in a fixed and/or mobile communications network (for example GSM, GPRS or UMTS in the latter case). A corresponding code (PIC; CSP), for identifying an operator such as a long-distance operator which can be used by the called user (B) for calling back said calling user (A), is identified, for example during the registration of the user who is intended to act as the called user (B) with a corresponding operator. This corresponding identification code is inserted automatically into the calling line presentation (CLIP) supplied to the called customer (B) following the call made by the calling user (A). The call can be a voice call, a data call or a message such as an SMS or MMS message. The called user (B) is thus able to call back the calling user (A) without having to insert the user's identification code to be used for calling back.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.